MATERIAL SAFETY DATA SHEET

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SECTION I	MANUF AMERIC P.O. BC East He	MANUFACTURER AMERICAN CHEMET CC P.O. BOX.1160 East Helena, MT 59635	MANUFACTURER AMERICAN CHEMET CORPORATION P.O. BOX:1160 East Helena, MT 59635
EMERGENCY TELEPHONE	PHONE	(406) 22 ATTN:	(406) 227-5302 ATTN: Dan Brimhall
CHEMICALINAME	Ų	AS NUMBER	.CAS NUMBER APPROX.:WT.%
CUPROUS OXIDE	() () () () () () () () () () () () () ((Cu ₂ O) 1317-39-1 (CuO) 1317-38-0	96%
METALLIC COPPER. (Cu)	(Cn)	7440-50-8	2%

HAZARDOUS INGREDIENTS TLV & PEL	1 mg/m³	There is no ACGIH TLV or OSHA PEL for cuprous coupie cyline a hour Testablished for finely divided copper in dusts or mist
HAZARDOUS	86% Min	SGIH TLV or OSE Exposure is gover afriely divided co
SECTION II	COPPER	There is no AC cupric oxide. I established for

			gible	dor	DATA	UEL: NA
TA	8.0 A	8 Z Z	Negligible	Red Fine Powder, No Odor	FIRE & EXPLOSION HAZARD DATA	LEL: NA
PHYSICAL DATA	H ₂ 0=1	by volume:	្វី ពី		FIRE & EXPLO	.9 3-
SECTION III Boiling Point	Specific Gravity: H ₂ O=1 Vapor Pressure;	Percent Volatile by volume: Vapor Density:	Solubility in Water. Melling Point	Appearance and Odor.	SECTION IV Flash Point:	Flammable Limits

 riammadie Limics	¥	3
Extinguishing Media:	Extinguishing Media: CO2, ABC extinguisher, or water.	<u></u>

Special Fire Fighting Procedures: Separate from mass. Eliminate oxygen. Unusual Fire Fighting Procedures: Spontaneous combustion may occur oxidizing product to CuO if exposed to moist air at temperatures above 100° C.

Signs, Symptoms, and Effects of Overexposure: Nausea, chills, diarrhea. May cause respiratory inflation; skin infration(oxide pox); faver, eye imitation with redness, pain a conjunctivitis; preexisting lung diseases may be aggravated exposure. Could result in respiratory disease it over expose on a chronic basis.

Primary Routes of Entry. Inhalation and/or ingestion.

Emergency and First Aid Procedure: Remove to fresh air, patient down. Cover with blanket. If imitated, flush eyes, and skin with large volumes of fresh water for 15 minutes. References NPCAHMIS HAZARD RA Health Flammability 1 Reactivity 1 Magimum Parsonal Protection E

SECTION VI REACTIVITY DATA
Stable X Unstable.
Conditions and Materials to Avoid: Temperatures about 10 C while in presence of moist air. Mass build up under react conditions. Under certain conditions cuprous oxide may resiviolerity with strong reactants such as acids, bases: and metals, such as but not limited to, Al and Mg.

Hazardous Decomposition Products: Copper fumes will be released if cuprous oxide its heated above its melting point (22559 E)

Hazardous Polymerization: Will not occur.

SECTION VII SPILE OR LEAK PROCEDURES
Steps to be taken in case material is released or spilled, up with vacuum or conventional tools. Avoid dusting, Waste Disposal. Approved land fill if allowed by local, stand field authorities.

SECTION VIII SPECIAL PROTECTION INFORMAT
Respiratory Protection: Cartridge type particulate filter
Tespirator or dust mask approved by NOISH. Refer to
Respiratory Protective Devices approved by NIOSH und

Ventilation: To keep below listed TLV in Section II, use dilution type ventilation.

Eye-Protection: Safety glasses or goggles.
Other Protective Equipment: Long sleeve shirts if contact is probable and skin is sensitive. Protective Gloves: Wear if skin contact is probable and

SECTION IX SPECIAL PRECAUTIONS
Precautions to be taken in handling and storing: Keep II tightly sealed. Store in cool, dry place:
Other Precautions: Do not take internally. Avoid prolon contact with skin. Wash with soap and water after contact

SECTION X SARA TITLE III
This product contains copper compounds and is subject reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 198 40 CFR Part 372.

Date: December 23, 1998 (Rev.8)

SECTION V HEALTH HAZARD DATA Threshold Limit Value: See Section II



For skin exposure, remove contaminated clothing and wash with soap and water. If imitated, flush eyes and skin with large volumes of fresh water for 15 minutes. (\$26/28)

SKIN / EYE CONTACT

Give 200-300 mL water to drink. DO NOT induce vomiting.

Remove to fresh air. Lay patient down. Cover with blanker.

First Aid Measures

INHALATION:

INGESTION:

MATERIAL SAFETY DATA SHEET

SECTION 1. Identification of the Substance and Manufacturer

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	ATTN: Dan Brimhall			Occupational	Exposure Standards Copper as dusts & mist I mg/m ³ 8-hour. 2 mg/m ³ 15 min					Injected	c); fever, eye irritation with tory disease if overexposed on a
oration S	+1 (406) <u>227-5302</u> +1 (406) <u>227-</u> 85 <u>22</u>			Classification R Phrases	Harmful R22	sference period)				Swallowed 🖾	Signs, symptoms and effects of overexposure: Nausea, chills, diarrhea, May cause respiratory irritation, skin irritation (oxide pox); fever, eye irritation with redness, pain and conjunctivitis, Pre-existing lung disease may be aggravated by exposure. Could result in respiratory disease if overexposed on a chronic basis.
c: LoLo Tint 97 r. American Chemet Corporation One Smelter Road P.O. Box 1160 East Helena, MT 59635 U.S.A.	Emergency Phone Number: Fax:	Local Contact (If Applicable):	ation of Ingredients	EC Number CAS No.	215-270-7 [317-39-1 215-269-1 [317-38-0 231-159-6 7440-50-8	our time weighted average reference period) minute reference period)		allowed	ntryz	Skin/Eye	Signs, symptoms and effects of overexposure: Nausea, chills, diarrhea, May cause respiratory redness, pain and conjunctivitis, Pre-existing lung disease may be aggravated by chronic basis.
Manufacturer.	Emergency P	Local Contac	Composition/Information of Ingredients	D3 %	%2 %2 %2	8 hour – Long-tern exposure limit (8-hour time 15 min – Short-tern exposure limit (15 minute r	Hazard Identification	.R22 – Harmful if Swallowed	Primary Routes of Entry:	Inhaled 🖾	Signs, symptoms and effects of ove Nausea, chills, diarrhea, May car redness, pain and conjunctivitis. Pre-existing lung disease may be chronic basis.
			SECTION 2.	Ingredient	Cuprous Oxide Cupric Oxide Metallic Copper	8.hour – Long-te 15 min – Short-u	SECTION 3.		HARMEUL		

Cuprous oxide is stable in dry air, but can oxidize to cupric oxide in the presence of moist air at temperatures above 100 °C. Contain spillages and clean up with vacuum or conventional tools and attempt to minimize dusting. Place in a suitable container for disposal in accordance with local and national waste regulations. Separate from mass. Eliminate Oxygen. Material is non-flammable. Use fire Do not allow to enter drains or watercourses. If the product enters drains or sewers, immediately inform the local water company. Where there is contamination of streams, rivers or lakes, contact local agency with responsibility for the environment. Spilled material may produce dust hazard if not handled correctly. Wear appropriate Cartridge type particulate filter respirator or dust mask conforming to NIOSH. Refer to Respiratory Protective Devices approved by NIOSH under 42 CFR 84 and the appropriate European standard. To keep below the OSHA exposure limits, use general dilution type ventilation. Only use in a well-ventilated area and prevent the creation of dusts. If concentrations exceed the All personal protective equipment, including respiratory equipment, used to control exposure to hazardous substances must be selected to meet the requirements of national personal protective equipment regulations. Store in a cool, dry, well-ventilated place (S3 & S9). Keep away from food, drink and animal feeding stuffs (S13). Keep lids of container tightly scaled (S7). If any adverse symptoms persist seek immediate medical attention. personal protective equipment coveralls, gloves & eye protection. fighting measures appropriate to surrounding materials Wear if skin contact is probable and skin is sensitive. occupational exposure limits, use suitable respiratory protection. CO2, ABC extinguisher, or water SECTION 8. Exposure Controls / Personal Protection Accidental Release Measures Occupational Exposure Controls: Fire-Fighting Measures Special Fire Fighting Procedures: SECTION 7. Handling and Storage Respiratory Protection: Environmental Precautions: Special Exposure Hazards: Methods for Clean Up. Extinguishing Media: Personal Precautions: MEDICAL NOTES. Personal Protection: Ventilation: Hand Protection: Handling: Storage: SECTION 6. SECTION 5.

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rotection: Long sleeve shirt(s) if formactis probable and skin is sensitive. Thysical and Chemical Properties Thysical and Chemical Properties Thysical and Chemical Properties Brown Fine Powder, No Odour. Physical and Chemical Properties Brown Fine Powder, No Odour. A Brown Fine Powder, No Odour. By Doint. Spont. A Chemic (w/y) NA Chemic (w/y) Chemic (w/y) Chemic (w/y) Not classified as a skinimitant Sensitization: Not classified as a demal sensitize Excitosized Information Not classified as a demal sensitize Excitosized Information Sensitization: Not classified as a demal sensitize Excitosized Information Not classified as a demal sensitize Excitosized Information Not classified as a demal sensitize Excitosized Information Sensitization: Not classified as a demal sensitize Excitosized Information Sensitization: Not classified as a demal sensitize Excitosized Information Excitosized Chemic to other aquate organisms.		VILLE COLL VILLE ALL COLL COLL COLL COLL COLL COLL COLL	-
numental Protection: Physical and Chemical Properties Physical and Chemical Properties Report Resolut:			···•
Do not allow Properties Brown 12 12 12 12 12 12 13 14 15 16 17 18 18 18 18 18 19 18 19 18 19 18 19 18 19 19	Skin Protection:	Long sleeve shirt(s) if contact is probable and skin is sensitive.	·
Physical and Chemical Properties g Point: g Point: g Point: g Point: g Point: t Volatile (v/v) ration Rate: fity in Water. Stability and Reactivity X Chessity: ration Rate: fity in Water. Stability and Reactivity X Unstable Mass build up under reactive condit. • Mass build up under reactive condit. • Under certain conditions Cu2O may bours Decomposition Products: Co may bours Decomposition Products: Co Mass build up under reactive conditions Decomposition Products: Not classifi Formation: Skin Irritation: Skin Irritation: Skin Irritation: Skin Irritation: Not classifi Sensitization: Not classifi Sensitization: Sensitization: Not classifi Sensitization: Sensitization: Sensitization: Sensitization: Sensitization: Sensitization: Rediogical Information Redion entering drains, sewers, and surfact	Environmental Protection:	Do not allow to enter drains or watercourses.	
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t-Volatile (v/v) C Density: Ration Rate: Ration Rate: Ration Rate: Notable The Mass build up under reactive condit Mass build up under reactive condit Mass build up under reactive condit Under certain conditions Cu.O may four Decomposition Products: Co Roxicity Oral (Rat): Dermal (Rabbit): Not classiff Skin Irritation: Skin Irritation: Not classiff Ecological Information Not classiff Exological Information Not classiff Ecological Information Oxic to fish and toxic to other aquatic org If from entering drains, sewers, and surface	Varor Pressire		··.
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Sensitization: Sensitization: Ecological Information oxic to fish and toxic to other it from entering drains, sewen	Skin tritation:	Not classined as a skin inflant	,
TON 12. Ecological Information Very toxic to fish and toxic to other aquatic organisms. Prevent from entering drains, sewers, and surface water	Sensitization:	Not classified as a dermal sensitizer	
TON 12. Ecological Information Very toxic to fish and toxic to other aquatic organisms. Prevent from entering drains, sewers, and surface water.			
Very toxic to fish and toxic to other aquatic organisms. Prevent from entering drains, sewers, and surface water			
Very toxic to fish and toxic to other aquatic organisms. Prevent from entering drains, sewers, and surface water			<u> </u>
Prevent from entering drains, sewers, and surface water	Very toxic to fish and toxic to oth	r aquatic organisms.	······································
	Prevent from entering drains, sew	Tribore water	·

SECTION 14. Transportation Information		
Domestic (DOT) Proper Shipping Name: Hazard Class: Labels: U.S. EPA Reportable Quantity:	Copper ORM-E None 5.000 lbs (2,270 kg)	
International (IMO) Proper Shipping Name:	Chemicals, N.O.S. (Non-Regulated)	
SECTION 15. Regulatory Information		1,000
U.S. EPA EPCRA Section 313 Reportable Product	. Product	
Risk Phrases; R22—Harmful if swallowed		
Safety Phrases: \$22 - Do not breathe dust \$25 - Avoid contact with eyes \$25 - Wear suitable protective clothing \$35 - Wear suitable protective clothing \$57 - Use appropriate container to avoid environmental contamination	· nvironmental contamination	
SECTION 16. Other Information		
Keep out of reach of children. Read and follow all label instructions.	ollow all label instructions.	i

Dispose of surplus and contaminated materials (including sawdust) at an approved landfill or in accordance with other national or regional provisions.

PACKAGING: Dispose of in accordance with procedures applying to the disposal of the product.

SECTION 13. Disposal Considerations

PRODUCT:

MATERIAL SAFETY DATA SHEET

NPCA HMIS HAZARD

Health Flammability Reactivity Maximim Personal Protection

CHEMET TECHNICAL GRADE CUPROUS OXIDE

Includes, but not limited to the following. Trade Names: Red Copp 97N. Red Premium, Purple Copp 97, Purple Copp 97N, LoLo Tint 97, Copp HP II. Chem Copp HP III. Chem Copp Ilitafine and other technical grade Cuprous Oxides manufactured by American Chemet Corp

MANUFACTURER AMERICAN CHEMET CORPORATION P.O. BOX 1160 East Helena, MT 59635 (406) 227-5302 ATTN: Dan Brimhall EMERGENCY TELEPHONE SECTION

CAS NUMBER APPROX. WT. %
O) 1317-39-1 95%
D) 1317-38-0 3%
T440-50-8 2% CHEMICAL NAME CA CUPROUS OXIDE (Cu₂O) CUPRIC OXIDE (CuO) METALLIC COPPER (Cu)

HAZARDOUS INGREDIENTS TLV & PEL 1 mg/m³ 86% Min SECTION II COPPER

There is no ACGIH TLV or OSHA PEL for cuprous oxide or cupric oxide. Exposure is governed by the 8 hour TWA established for finely divided copper in dusts or mists. Cuprous oxide, cupric oxide and copper are not cardinogenic materials as listed by OSHA (29 CFR 1910) or ACGIH (Appendix A. Threshold Limit Values for Chemical Substances 1995-1996).

Purple Fine Powder, No Odor, 6.0 NA O% NA NA Negligible 2255° F PHYSICAL DATA Specific Gravity: H2O=1 Vapor Pressure: Percent Volatile by volume: Vapor Density: Appearance and Odor. Evaporation Rate: Solubility in Water. SECTION III Bolling Point Melting Point

UEL: NA FIRE & EXPLOSION HAZARD DATA LEL: NA Flammable Limits SECTION IV Flash Point

Extinguishing Media: CO₂, ABC extinguisher, or water. Special Fire Fighting Proceduras: Separate from mass. Eliminate oxygen. Unusual Fire Fighting Procedures: Spontaneous combustion may occur oxidizing product to CuO if exposed to moist air at temperatures above 100° C.

SECTION V HEALTH HAZARD DATA

Threshold Limit Value: See Section II
Signs, Symptoms, and Effects of Overexposure: Nausea, chills, diarrhea: May cause respiratory imitation; skin imitation(oxide pox); fever, eye imitation with redness, pain and conjunctivitis; preexisting lung diseases may be aggravated by exposure. Could result in respiratory disease if over exposed on a chronic basis.

Primary Routes of Entry. Inhalation and/or ingestion.
Emergency and First Aid Procedure: Remove to fresh air. Lay patient down. Cover with blanket. If imitated, flush eyes and skin with large volumes of fresh water for 15 minutes: Refer to

SECTION VI REACTIVITY DATA
Stable X Unstable
Conditions and Materials to Avoid: Temperatures about 100°
C while in presence of moist air. Mass build up under reactive conditions. Under certain conditions cuprous oxide may reactivitiently with strong reactants such as acids; bases, and metals, such as but not limited to. Al and Mg.

Hazardous Decomposition Products: Copper fumes will be released if cuprous oxide is heated above its melting point (22559 F).

Hazardous Polymerization; Will not occur.

SECTION VII. SPILL OR LEAK PROCEDURES
Steps to be taken in case material is released or spilled. Clean
up with vacuum or conventional tools. Avoid dusting.
Waste Disposal: Approved land fill if allowed by local, state
and federal authorities.

SECTION VIII SPECIAL PROTECTION INFORMATION Respiratory Protection: Cartridge type filter or dust mask approved by NOISH. Refer to Respiratory Protective Devices approved by NIOSH under 42 CFR 84.

Ventilation: To keep below listed TLV in Section II, use general dilution type ventilation. dilution type ventilation.

Protective Gloves: Wear if skin contact is probable and skin is Eye Protection: Safety glasses or goggles.
Other Protective Equipment: Long steeve shirts if contact is

probable and skin is sensitive.

SECTION IX SPECIAL PRECAUTIONS
Precautions to be taken in handling and storing: Keep lids tightly sealed. Store in cool, dry place.
Other Precautions: Do not take internally. Avoid prolonged contact with skin. Wash with soap and water after contact.

SECTION X SARA TITLE III
This product contains copper compounds and is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
U.S. Reportable Quantity, 5,000 lbs (2,270 Kg)

Date: Revised 4/12/2006 (Rev 9)



MATERIAL SAFETY DATA SHEET

SECTION I. Identification of the St	e Substance and Manufacturer
Product	AMERICAN CHEMET CORPORATION TECHNICAL GRADE CUPROUS OXIDE Includes but not limited to the following. Trade Names: Red Copp 97N, LoLo Tint 97, Cliem Copp HP II. Chem Copp HPIII. Chem Copp. Ultrafine. and other technical grade Cuprous Oxides manufactured by American Chemet Corporation
Common Names:	Dicopper Oxide, Copper (I) Oxide, Red Copper Oxide
Manufacturer	American Chemet Corporation One Smelter Road / P.O. Box 1160 East Helena, MT 59635 U.S.A.
Emergency Phone Number:	Phone +1 (406) 227-5302 ATTN: Dan Brimhall
Local Connect (if Applicable):	
SECTION 2. Composition Informat	mation of Ingredients
	er CAS No. Classification R. Phrases Occupational Exposure Standards 1317-39-1 Harmful R22 Copper as dusts & mist 1317-38-0 7440-50-8 10ur time weighted average reference period) 2 mg/m 15 min minute reference period)
SECTION 3. Hazard Identification	
R22-Harmful if swallowed	ja
Primary Routes of Entry:	
Inhaled 🗵	Skin/Eye. Swallowed Injected Injected
Signs, symptoms and effects of over tedness, pain and conjunctivities. Pre-existing lung disease may be on a chronic basis.	gns, symptoms and effects of overexposure. Nausea, chills, diarrhea. May cause respiratory irritation, skin irritation (oxide pox); fever, eye irritation with redness, pain and conjunctivitis. Pre-existing lung disease may be aggravated by exposure. Could result in respiratory disease if overexposed on a chronic basis.
S22 - Do not breath dust	
SECTION 4. First Aid Measures	The state of the s
INHALATION:	Remove to fresh air Lay patient down. Cover with blanker.
SKIN CONTACT: EYE CONTACT: MEDICAL NOTES	Give 200-500 mil. Water to drink. DO NOT induce vomiting. For skin exposure, remove contaminated clothing and wash with soap and water. If irritated, flush eyes and skin with large volumes of fresh water for 15 minutes.
SECTION 5. Fire-Fighting Measures	SS STATE OF THE PROPERTY OF TH
Extinguishing Media: Special Fire Fighting Procedures:	CO2. ABC extinguisher, or water spray. Separate from mass. Eliminate oxygen. Material is non-flammable. Hee fire fighting
Special Exposure Hazards:	measures appropriate to surrounding materials. Cuprous oxide is stable in dry air, but can oxidize to cupric oxide in the presence of
Additional Information:	moist air at temperatures above 100°C. Collect contaminated fire fighting water separately.
	זר וווחסי זומו כוווכן חום ספש כי סלסוכוור

April 28, 2006 (Revision 18).

Personal Precautions:	Precautions: Spilled	Spilled material may umduce d	Spilled material may produce dust hazard if has handlad correctly. Wear appropriate
Environmental Precautions:	cautions:	personal protective equipment. Do not allow to enter drains or	personal protective equipment coveralls, gloves & eye protection. Do not allow to enter drains or watercourses. If the product enters drains or sewers,
-ਰ	Up:	immediately inform the local water company. Where streams, rivers or lakes, contact local agency with res. Contain spillages and clean up with vacuum or converninimize dusting. Place in a suitable container for reaccordance with local and national waste regulations.	immediately inform the local water company. Where there is contamination of streams, rivers or lakes, contact local agency with responsibility for the environment. Contain spillages and clean up with vacuum or conventional tools and attempt to minimize dusting. Place in a suitable container for recycling or disposal in accordance with local and national waste regulations.
SECTION 7. Handling	e and Storage		
Handling: O Storage: S Sprage: K	Only use in a well occupational exp. Store in a cool, d. Keep fids of cont.	Only use in a well-ventilated area and prevent the creation of due occupational exposure limits, use suitable respiratory protection. Store in a cool, dry, well-ventilated place. Keep away from food Keep/lids of container tightly sealed,	Only use in a well-ventilated area and prevent the creation of dusts. If concentrations exceed the occupational exposure limits, use suitable respiratory protection. Store in a cool, dry, well-ventilated place. Keep away from food, drink and animal feeding stuffs. Keep lids of container tightly scaled,
SIL	e Controls / Pe	Controls / Personal Protection	
Occupational Exposure Controls;	sure Controls;	All personal protective equipme control exposure to hazardous requirements of national person	All personal protective equipment, including respiratory equipment, used to control exposure to hazardous substances must be selected to meet the requirements of national personal protective equipment regulations.
Personal Protection: Ventilation:	ë	To keep below the U.S.A. OSH	To keep below the U.S.A. OSHA and EU exposure limits, use general dilution type
Respiratory Protection:	tion;	ventilation. Cartridge type particulate filter NIOSH. Refer to Respiratory Protective	ventilation. Cartridge type particulate filter respirator or dust-mask conforming to U.S.A. NIOSH. Refer to Respiratory Protective Devices approved by NIOSH under 42 CFR 84 and
Hand Protection:		the appropriate European standard. Weat if skin confact is probable and skin is sensitive.	nrd. 2 and skin is sensitive
Eye Protection; Skin Protection; Environmental Protection;	tection:	Safety glasses or goggles. Long sleeve shirt(s) if contact is probable and Do not allow to enter drains or watercourses.	Safety glasses of goggles. Long sleeve shirt(s) if contact is probable and skin is sensitive. Do not allow to enter drains or watercourses.
S22 = Do not breathe dust SECTION 9. Physical and C	he dust	Promorties	
- 2		Red Brown or Pumle Fire Powder	《1977年》, 2014年 1月 1978年 - 1987年 - 1987年 1988年 1987年 1987年 1987年 1987年 1987年 1987年 1987年 1987年 1987年 1
Odour. Boiling Point	None		•
Melting Point:	1235 °C		Vapour Density: NA
Specific Gravity(H;O=1) Bulk Density:		00.kg/m³	r. Negl
SECTION 10. Stability at	and Reactivity		The second of th
Suble X		Unstable	
Conditions & Materials to Avoid: Temperatures above 1 Mass build up under re	rials to Avoid: atures above 100 uild up under rea	ns:& Materials to Avoid: Temperatures above 100 °C while in the presence of moist air. Mass build up under reactive conditions.	ist air.
. Under	certain condition	15 Cu2O may react violently with	Under certain conditions Cu2O may react violently with strong reactants such as acids and bases.
Hazardous Decomposition Products:	position.Produce		Copper fumes will be released if heated above its melting point (1235 °C).
Hazardous Polymeri		Will Not Occur	
Sol - Avoid release	e to the environ	to the environment. Refer to special instructions under Section 13.	is under Section 13.
SECTION 18 TOXICOLOGICAL INJORMATION	gical Informat		
Acute Toxicity Oral (Rat): Dermal (Rabbit): Inhalation (Rat):	Harmful if swallowed Not classified Not classified	lowed Skin Irritation: Eye Irritation: Sensitization:	n. Not classified as a skin irritant Not classified as an eye irritant Not classified as a dermal sensitizer
SECTION 12. Ecological Information	al Information	4	
Toxic to fish and other aquatic organisms.	ther aquatic orga	inising,	
Prevent from enterin		g drains, sewers, and surface water.	
S61 - Avoid refease	e to the environ	to the environment. Refer to special instructions/safety data sheet.	ns/safety data sheet.

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Description of goods: 3077 ENFIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dicapper oxide) -Label:
-Packaging group: III
-Murine pollutant:
-Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(dicopper oxide): Label: 9 Packaging group: III
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (dicopper oxide) SECTION 13. Disposal Considerations
PACKAGING: Dispose of in accordance with procedures applying to the disposal of the product.
PRODUCT: Dispose of surplus and contaminated materials (including sawdust) at an approved fandfill or in accordance with other national or regional provisions. SECTION 15. Regulatory Information

U.S. EPA EPCRA Section 313 Reportable Product
Hazard Symbols:
Xn: Hamful
Risk Phrases:
R22 — Hamful if swallowed
Safety Phrases:
S2 — Keep out of the reach of children
S22 — Do not breathe dust
S41 — Avoid release to the environment. Refer to special instructions/safety data sheet
SECTION 16. Other Information
Keep out of reach of children. Read and follow all label instructions. -ADR/RID class: 9 (M7) Miscellancous dangerous substances and articles.

• Danger code (Kemler): 90.

• UN Number: 3077

• Puckaging group: III.

• Hazurd label: 9 Chemicals, N.O.S. (Non-Regulated) Copper ORM-E None 5,000 lbs (2,270 kg) Wasies not otherwise classifie TON 14. Transportation Information
Domestic (U.S.A. DOT)
Proper Shipping Name:
Hazard Class:
Labels: · Air fransport ICAO-TI und IATA-DGR. . Land transport ADR'RID (crass-barder) U.S. EPA Reportable Quantity: International (IMO) Proper Shipping Name: 3077. 3077 · Maritime transport IMDG: European Waste Catalogue: ·ICAOAATA Class: · UNID Number: · IMDG Cluss: · UN Number: 06.11.90

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